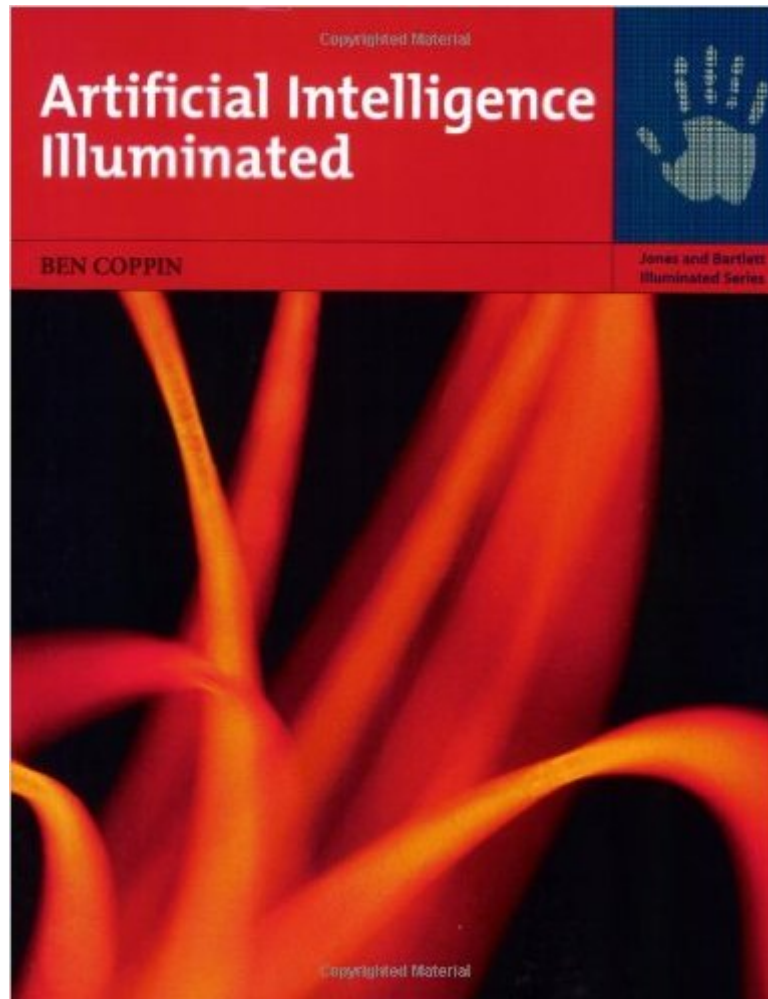


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Artificial Intelligence Illuminated (Jones And Bartlett Illuminated)



Synopsis

Artificial Intelligence Illuminated presents an overview of the background and history of artificial intelligence, emphasizing its importance in today's society and potential for the future. The book covers a range of AI techniques, algorithms, and methodologies, including game playing, intelligent agents, machine learning, genetic algorithms, and Artificial Life. Material is presented in a lively and accessible manner and the author focuses on explaining how AI techniques relate to and are derived from natural systems, such as the human brain and evolution, and explaining how the artificial equivalents are used in the real world. Each chapter includes student exercises and review questions, and a detailed glossary at the end of the book defines important terms and concepts highlighted throughout the text.

Book Information

Series: Jones and Bartlett Illuminated

Paperback: 739 pages

Publisher: Jones & Bartlett Learning; Computer ed. edition (April 19, 2004)

Language: English

ISBN-10: 0763732303

ISBN-13: 978-0763732301

Product Dimensions: 7.5 x 1.5 x 9.2 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars [See all reviews](#) (7 customer reviews)

Best Sellers Rank: #824,152 in Books (See Top 100 in Books) #253 in [Books > Textbooks > Computer Science > Artificial Intelligence](#) #557 in [Books > Computers & Technology > Computer Science > AI & Machine Learning > Intelligence & Semantics](#) #195992 in [Books > Reference](#)

Customer Reviews

This is an excellent book. It covers all aspects of AI in a friendly, clear manner. Despite being written as an undergraduate textbook it is easily accessible to someone like myself who is not doing a course in computing (or anything else for that matter). The subject matter is handled well with enough diagrams and examples to ensure that you understand even the more esoteric concepts. It is presented in a manner that is enjoyable to read with many asides into the interesting applications in the real world (such as using AI in games programs like chequers and chess). All in all I would recommend this book to anyone who has an interest in AI from any perspective, whether you are studying in a university or are just interested in learning more about AI in general.

A big fan of the COMPUTER SCIENCE ILLUMINATED text, I had high hopes for this as a good text for my undergrad class on A.I.. I was sorely disappointed; this text is far too shallow for even a middle-level undergrad course. It also contains several errors, although that may be expected of a first edition.

My undergraduate AI class used this textbook. The writing was never dry and provided lots of information for someone new to the field of AI.

This was the textbook for a college AI course I took. I wouldn't recommend this book for an introduction to AI. Most topic discussions were cursory and required additional online research. There were very few examples to illustrate the subject material. Those that were provided were very confusing. I actually learned more from the internet searches I ended up doing than from this textbook. I was looking forward to this class, but this textbook did nothing to make my learning experience any better.

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